

Omkar Navnath Shinde

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CAREER OBJECTIVE

Motivated Electrical Engineering student with project experience in Electric Vehicle design and development, strong interest in creative design solutions, and proven communication through blogging. Seeking an entry-level role in the core or EV sector to apply technical and design skills while contributing to innovative energy and mobility solutions.

EDUCATION

- **Marathwada Mitra Mandal's College Of Engineering, Pune**
Bachelor of Engineering | Electrical Engineering | 7.26 (2022-2026)
- **Ramkrishna Paramhansa Mahavidyalaya, Dharashiv**
HSC | State Board | 75.00 % (2021-2022)
- **Papnash Vidya Mandir, Chorakhali**
SSC | State Board | 86.60 % (2019-2020)

EXPERIENCE

Sandip Electronics And Automation | Testing And Quality Engineer (Dec 2024-Jan 2025)

- Performed functional and continuity testing of PCBs used in solar pump controller.
- Conducted visual inspection of Assembled PCBs to detect soldering issues, component placement errors, and physical damage.
- Recorded test results and assisted in data entry for quality control documentation and tracking.

MMSU | Electrical | BLDC and DC motor (Feb 2024-Mar 2024)

- Gained hands-on experience in electrical servicing and basic repair work in an industrial and automotive setup.

PROJECTS

EV Trainer Kit Development | Final Year Project

- Designed a working small-scale model to demonstrate how electric vehicles work using basic motor control and power systems.
- Focused on basic motor control, battery management, and transmission concept.

Noise Monitoring System | Arduino-Based

- Designed a microcontroller-based system to monitor noise levels in a library and activate a buzzer when sound exceeds a predefined threshold.
- Used a microphone-based sound sensor, Arduino Uno, and a buzzer for real-time monitoring and alerting.

SKILLS

- **Core Electrical** | Machines | Power Systems | Control System
- **Programming Languages** | C++ (Beginner)
- **Hardware** | PCB Testing | Arduino
- **Tools** | AutoCAD (Basic) | MATLAB (Basic) | Revit MEP | WordPress | VSCode
- **Soft Skills** | Blogging | Graphic Design | Teamwork | Active Listening